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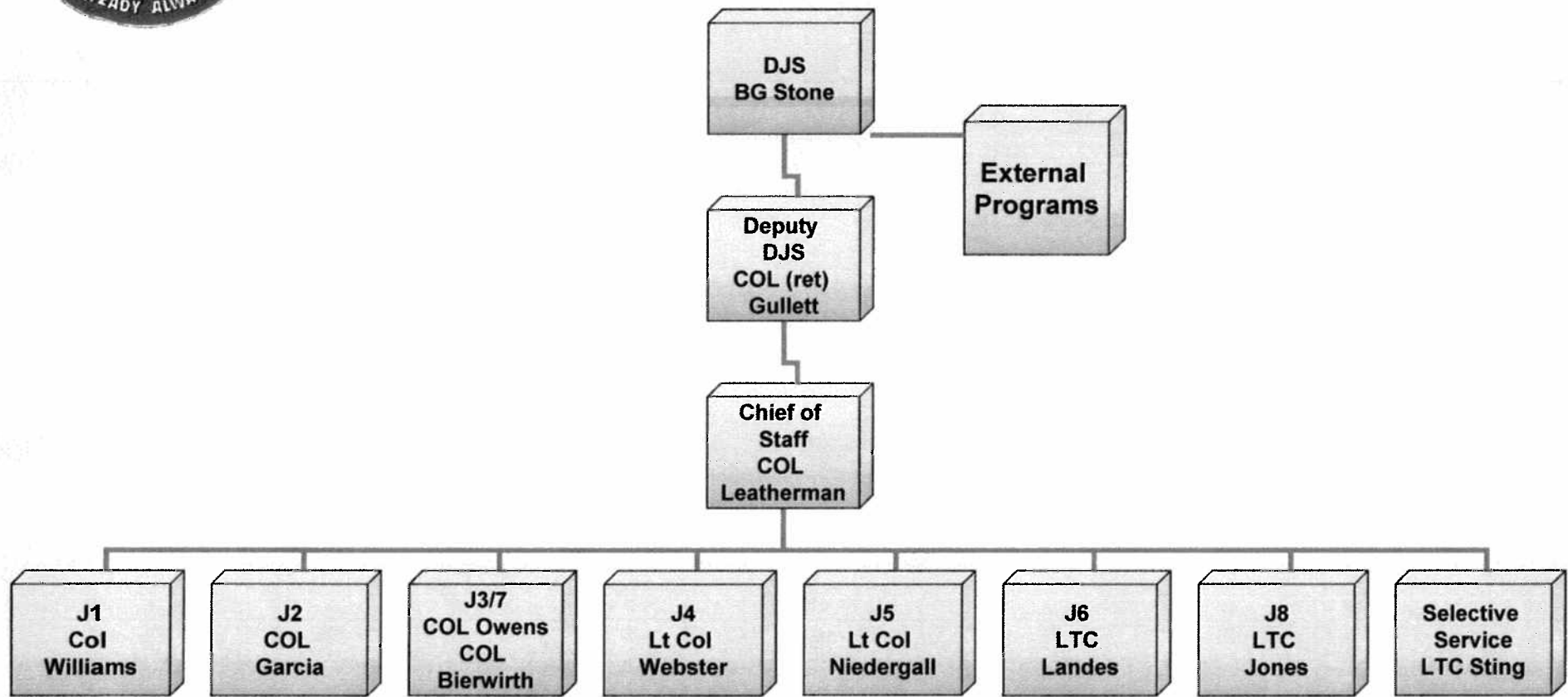
# **Michigan National Guard Joint Staff**

February 22, 2011

Brigadier General Mike Stone  
Director of the Joint Staff



# Director, Joint Staff



- CST
- Counterdrug
- DDR
- MVDF
- 1033



# Joint Staff Initiatives

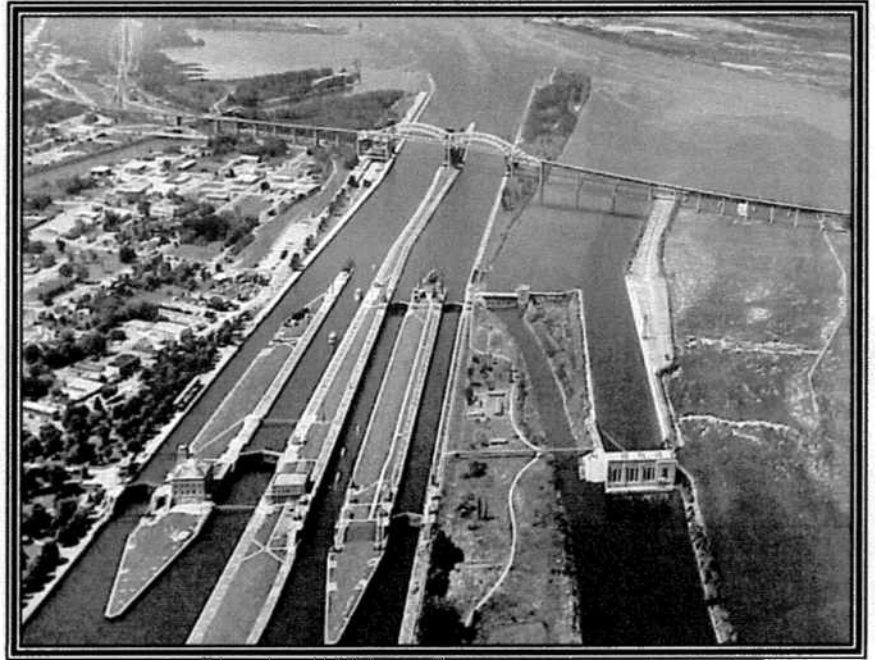
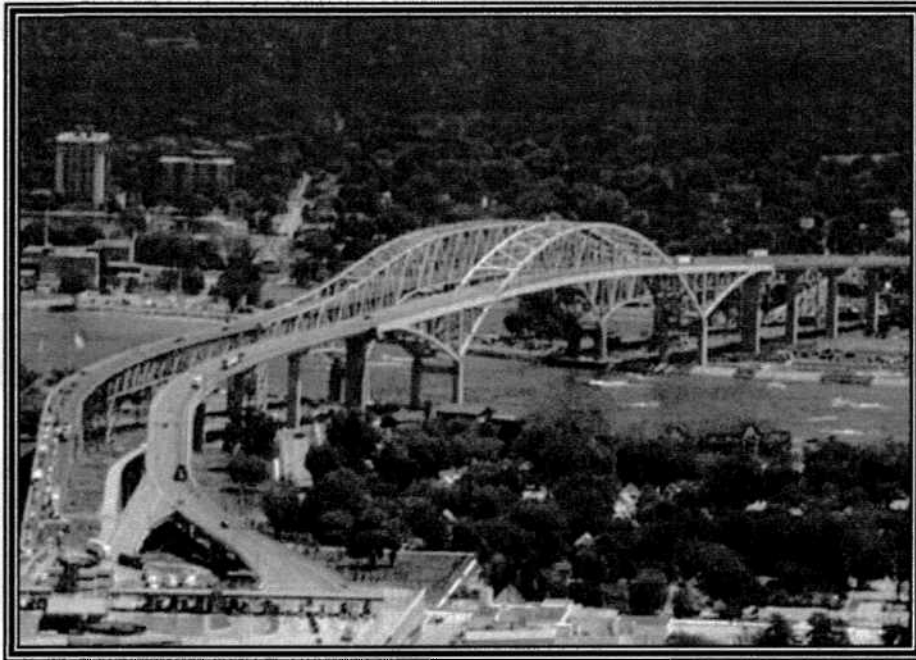
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- Cross Border
- Great Lakes/USCG
- CBRN Enterprise
- Cyber Defense and Mitigation
- Research and Development



# Cross Border

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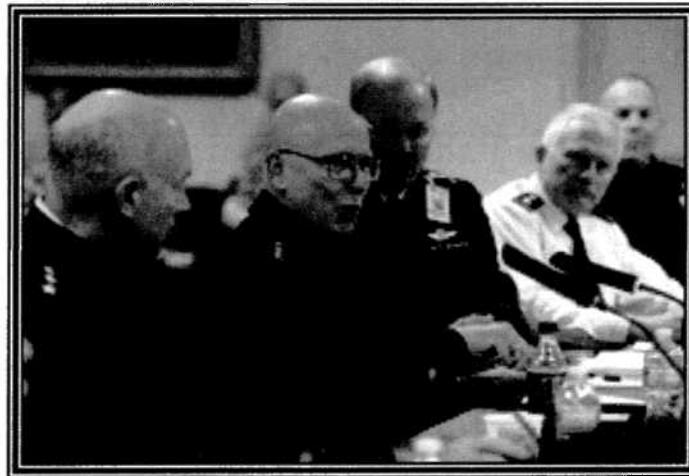




# Great Lakes/USCG



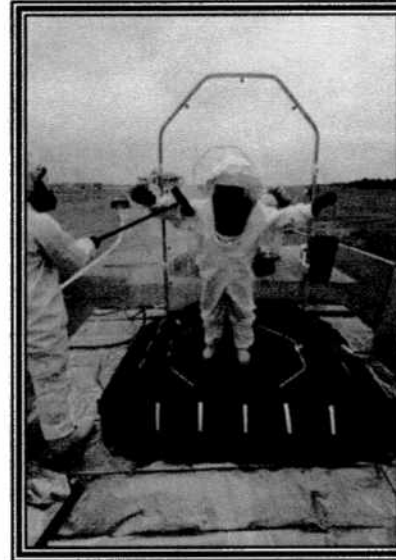
## Great Lakes Hazards Coalition





# CBRN Enterprise

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# 51<sup>st</sup> Civil Support Team

- 22 Personnel
- Full-time Army and Air National Guard
- HAZMAT Tech Qualified
- 1100+ hours of specialized WMD training





# Cyber Defense and Mitigation

Majority of US organizations surveyed endured a cyber attack last year

Is cyber attack as threatening as terrorism?

Cyberthieves use human money mules for risky work

## U.S. Warns Of 'Huge' Cyber Threats

Departments of Defense and Homeland Security are monitoring Stuxnet worm and China, among other critical infrastructure risks.

Cyber Crime

Hackers Cut Cities' Power

Businesses under all-out cyber attack, says Websense

Secret Service: Seattle cyber attack larger than first thought

## Stuxnet Worm Could Devastate Critical Systems, Experts Say

Retailers face an increased threat of cyber attack, new study says

Cyber Defense and NATO: An Attack on One, an Attack on All?

U.S. Nuclear Plants Vulnerable to Cyber Attacks, Analysts Say





# Research and Development

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**Mission:** U.S. Army Tank Automotive Research, Development and Engineering Center develops, integrates and sustains the right technology solutions for all manned and unmanned DOD ground systems and combat support systems to improve Current Force effectiveness and provide superior capabilities for the Future Force.



***TECHNOLOGY DRIVEN. WARFIGHTER FOCUSED.***

**“I will Defend”**



**Homeland Defense is a  
Warfighting Mission**